

SOURCES FOR MATERIALS

To make your session run smoothly, collect and prepare materials for the challenges ahead of time. All of the materials in this guide can be found at local electronics, hardware, craft, grocery, and office supply stores. For large quantities or online sources, try these Web sites:

Battery holders

We like: single AA cell holders with wire leads
Item #BCAA
65¢ each

Batteryspace.com

We also like:
AA battery holder
Item #270-401
99¢ each

Radioshack.com

Bulbs

We like: 1.5 volt, screw
Item # EL-LAMP1.5
50¢ each

Hometrainingtools.com

We also like:
1.2 volt, screw
Item #272-1174
\$1.59 for two

Radioshack.com

Bulb holders

We like: single bulb lamp base
Item #EL-BULBHD1
90¢ each

Hometrainingtools.com

We also like:
Item #272-357
\$1.69 each

Radioshack.com

Buzzers

We like: two-wire lead buzzers
Item #KPI-2210L
\$1.00 each, minimum order of 50 (reference code WGBH SQ2124200 with order)
APC International
570-726-6961

For a louder buzzer:
Item #273-053
\$3.29 each

Radioshack.com

Chipboard

We like: 11 x 17 inch
Item #S-8293
\$49 per case (375 sheets)

Uline.com

Compact discs

Collect used CDs and DVDs or purchase new
Item #01-VDPD801-100
\$15 for 100

Thetechgeek.com

Corrugated cardboard

We like: 11 x 17 inch
Item #S-3585
28¢ per piece

Uline.com

Electrical wire

We like: stranded, 22-gauge
Item #278-1224
\$5.99 for 75 feet

Radioshack.com

Faucet washers

(Both flat and beveled work)
We like: ¼ inch Large
\$1.19 for card of 10
Doityourself.com/invt/4001095

We like: ¾ inch to 1 ¼ inch (the larger, the better)
\$4 for 10
Doityourself.com/invt/u116076

Metal washers

We like: zinc-plated Cut or Fender washers
Offer a variety of sizes
Approx. 5–10¢ each at hardware store

Motors

We like: regular motor with pinion attached
Item #RM3 with plastic pinion
\$2 each

Solarbotics.com

We also like:
1.5 to 3-volt metal-gear motor
Item #273-258
\$3.29 each

Radioshack.com

Ping-Pong balls

Martin Kilpatrick brand
144 One Star balls
\$36 for 144

Nationaltabletennis.com

Poster or mounting putty

We like: Duck Brand
Item #07014884
\$1.49 for 2 ounces

Officemax.com

Wooden skewers

We like: Good Cook brand (½-inch diameter)
Item #07675324451
\$1.29 for 100

Netgrocer.com

Wooden spools

We like: hourglass shape
1 ⅜ inch diameter by
1 ⅕ inch long with a
⅝ inch hole
Item #NS28

\$1.80 for package of 10

Woodcrafter.com

Note: Although these sites were verified at the time of publication, Web site addresses and content are subject to change.

If you are buying small quantities, try these types of stores:

- **Electronics:** electric wire, buzzers, compact discs, motors, bulbs, bulb holders, battery holders
- **Hardware:** beveled faucet washers, faucet washers, metal washers, paint stirrers, wooden dowels
- **Craft:** wooden spools, Popsicle sticks, wooden dowels
- **Grocery:** wooden skewers
- **Office:** corrugated cardboard, chipboard, poster putty
- **Sporting Goods:** Ping-Pong balls, golf balls, tennis balls



Photo: Lauren Feinberg